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U.S. PATENT & TRADEMARK OFFICE  
1995

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.

SU-7155-A

Total Pages in this Submission

88

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**MICROBIOLOGICAL CONTROL IN AQUEOUS SYSTEMS**

and invented by:

Jonathan N. Howarth; Christopher J. Nalepa; Michael J. Sanders

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

 Continuation    Divisional    Continuation-in-part (CIP) of prior application No.: 09/484,938

Which is a: \*\*\*\*And Attorney Docket Number SU-7190 Filed February 2, 2001\*\*\*\*

 Continuation    Divisional    Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

 Continuation    Divisional    Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 74 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (*if applicable*)
  - c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d.  Reference to Microfiche Appendix (*if applicable*)
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (*if drawings filed*)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

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## Application Elements (Continued)

3.  Drawing(s) (*when necessary as prescribed by 35 USC 113*)
  - a.  Formal Number of Sheets \_\_\_\_\_ 2
  - b.  Informal Number of Sheets \_\_\_\_\_
4.  Oath or Declaration
  - a.  Newly executed (*original or copy*)  Unexecuted
  - b.  Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
  - c.  With Power of Attorney  Without Power of Attorney
  - d.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Computer Program in Microfiche (*Appendix*)
7.  Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
  - a.  Paper Copy
  - b.  Computer Readable Copy (*identical to computer copy*)
  - c.  Statement Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

8.  Assignment Papers (*cover sheet & document(s)*)
9.  37 CFR 3.73(B) Statement (*when there is an assignee*)
10.  English Translation Document (*if applicable*)
11.  Information Disclosure Statement/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Acknowledgment postcard
14.  Certificate of Mailing

First Class  Express Mail (*Specify Label No.*): EF256217508US

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**Accompanying Application Parts (Continued)**

15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16.  Additional Enclosures (*please identify below*):

**Appointment of Associate Attorney - John F. Sieberth**

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Fee Calculation and Transmittal**

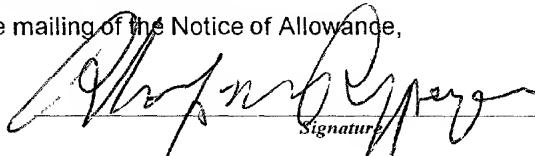
**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	80	- 20 =	60	x \$18.00	\$1,080.00
<b>Indep. Claims</b>	6	- 3 =	3	x \$80.00	\$240.00
<b>Multiple Dependent Claims (check if applicable)</b>	<input checked="" type="checkbox"/>				\$270.00
				<b>BASIC FEE</b>	\$710.00
<b>OTHER FEE (specify purpose)</b>					\$0.00
				<b>TOTAL FILING FEE</b>	\$2,300.00

A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 01-0659 as described below. A duplicate copy of this sheet is enclosed. (Order No. 01-036)

- Charge the amount of \$2,300.00 as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Dated: FEBRUARY 6, 2001

PHILIP M. PIPPENGER  
Reg. No. 25,525

CC:

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JONATHAN N. HOWARTH, ET AL

SERIAL NO. ---

DATE: February 6, 2001

FILED: Herewith

FOR: Microbiological Control In Aqueous Systems

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Assistant Commissioner For Patents  
Box Patent Application  
Washington, DC 20231

Sir:

CERTIFICATE UNDER 37 C.F.R. 1.10 - EXPRESS MAIL

I hereby certify that the correspondence stapled hereto and identified below is being deposited by me with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, Patent Application, on February 6, 2001. The number of the "Express Mail" mailing label placed thereon prior to mailing is EF256217508US.

Said correspondence consists of the following:

1. Four-Page Utility Patent Application Transmittal (Large Entity) Letter (Page 4 In Duplicate);
2. One-Page Associate Power of Attorney Under 37 C.F.R. 1.34 for John F. Sieberth, Reg. No. 17,704;
3. Seventy-Four Page Patent Application (Specification, Forty Claims, and Abstract of the Disclosure);
4. Two Formal Drawings;
5. Two-Page Unexecuted Declaration, Power of Attorney, and Petition for Inventor(s): Jonathan N. Howarth; Christopher J. Nalepa, and Michael J. Sanders;
6. One-Page Information Disclosure Statement Transmittal Sheet; and
7. Four-Page Information Disclosure Statement Form PTO-1449 With Eighty-Two References (One Attached).

Return postcard attached hereto but not stapled.



Cynthia M. Farr

Office of Philip M. Pippenger (Reg. No. 25,525)

Date: February 6, 2001

Telephone: (225) 388-7227